

**GGS MPCE  
WEEKLY TELECONFERENCE WITH S&L**

**THURSDAY – SEPTEMBER 8, 2011**

**NPPD**

Bob Nitsch

Linda Holmstedt

**S&L**

Paul Hooranert

Chris Hornish

**1. Accomplishments of Last Week (Recent)**

**S&L**

- Chris is ready to issue the WFGD spec today; he will provide “zipped” and PDF of entire technical section.
- 110901: SCR – John M. will discuss with Mick that SCR is not in S&L’s scope.

**NPPD**

- Don Muhle is working on making the Terms & Conditions interchangeable for all the specs.
- Question of whether S&L would like to be on site when vendors come out to GGS
  - Comanche Station – Need to identify any “land mines” with these vendors, ex. Reverse gas baghouse vs. pulse jet.
  - S&L has forwarded Stebbins’ presentation to NPPD.

- 110901: John asked Steve about the Clam issue. Steve talked to Geri Penrose and she located some older EPRI reports and will include the references in the white paper. Geri has also been talking to various chemical suppliers for contact list of where they've been used and their experience.
- 110908: Bob said that John M. had reported Jack Daly's meeting in Columbus was good from John's standpoint. John noted that Pat Pope asked him if we were working on SCR. So, don't be surprised if asked. Paul said he discussed with John M. and the real pressure is with NO<sub>x</sub> area. John was also asked about action plan to address CO<sub>2</sub>. John noted what we'd done with S&L study in our previous work. Paul responded that S&L could switch items (SCR) around if necessary.
- Bob asked S&L about B&W bidding non-union labor. Paul said it would be area-specific.

#### **S&L Recent Submittals:**

- 09/01 – CDH – SL-0300 – WFGD & ID Fan / Aux Power Conceptual Cost Estimate for GGS U1&2
- 09/01 – CDH – SL-0303 – ACI Capital Cost Estimate for GGS U1&2
- 09/01 – SRP – SL-0302 – GGS MPCE Project Schedule
- 09/02 – SRP – GGS MPCE Restart-S&L Work Plan Schedule
- 09/02 – PH – Action item 0472 – FGD Area Galvanizing
- 09/02 – WAP – SL-0304 – SL action item 0453 – Summary Level Talking Points why WFGD was selected over DFGD (Sent 090106 Volume IV – Recommended SO<sub>2</sub> Reduction Technology
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#### **NPPD Submittals to S&L:**

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## **2. Plans for Near Future**

### **S&L**

- FGD spec.
- Clams white paper.
- John & Don visit to S&L's office – possibly week of 9/19 (??)
- S&L will resume monthly status reports, effective for August.

### **NPPD**

- Burner work.

- Review S&L's submittal SL-0290 – S&L action item 450 – Revised Mass Balance Flue Gas Flow Calc, Rev. 2
- Review S&L's submittal SL-0301 – Materials of Construction, Rev. 3 – SL action items 0447, 0448, 0449, 0460
- Testing week of September 12 at GGS; week of September 5<sup>th</sup> at Sheldon Station.
- Don will be working on making the Terms & Conditions interchangeable for all the specs.
- Update ACI spec; with completion by 12/31/11.
- John & Don visit to S&L's office – possibly week of 9/19 (??)
- Several upcoming presentations:
  - Stebbins
  - Shaw Group
  - Structural Industrial & Energy Solutions
  - TIC-Kiewit
  - Air Preheater
  - Babcock & Wilcox
  - CRF Environmental / Fuel Tech – Thurs 8/25
  - ADA )
  - Norit Americas ) ACI
  - Calgon Carbon Corp )

### 3. Issues

#### S&L

- None noted.

#### NPPD

- Addressing the effects of the CASAPR.
- Bob asked Paul about the MSSV bypass invoicing. Paul said they put that on Project 002 - \$90,000 open ended; 22 hours, which is less than the 50 hours. These hours were in June and July. Bob asked Paul to send an e-mail that this is the final invoice.
- Bob reported that we've been meeting with several activated carbon vendors, and we may need JT to do a foundation analysis for the silos.
- Reviewing / comments on S&L submittals.

### 4. Action Item Review

#### S&L

0441	Updated capital cost estimate & cash flow to NPPD f/review.	Issued 8/31; keep open. S&L still shows market volatility factors; early next week – 9/14.
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0442	Updated project schedule & ID long lead-time items for NPPD review.	S&L issued 8/31 – SL-0302.
0443	Submit WFGD technical spec suitable for bid purposes.	To be issued 9/8; with bid date of 9/30.
0446	Schedule of the balance of the restart activities.	Issued 7/28. John M. commented last week; data info in 8-1/2 x 11”.
0449	Revised material of construction white paper for comment.	SL-0301 issued 8/31. Paul will reissue with change-out page per Bob's comments.
0451	Prepare water balance for FGD for NPPD comment	NPPD Final Trans 286 8/24 w/comments; S&L to finalize & resend by 9/15.
0452	Advise NPPD if previous study work looked at new PJFF w/DFGD compared to reinforcement of existing baghouses.	8/11 – SL-0297 8/22 – NPPD Trans 289 requesting revised white paper by 9/15
0453	Provide NPPD w/summary level talking points as to why WFGD was selected over dry.	CLOSED.
0459	Capital & O&M cost estimating – OOM splitting of WFGD estimate into a U2 single unit FGD. Similar exercise for DSI, except DSI on U1.	On hold: added task. Bob will have John M. look at this item.
0465	Establish a date f/Don Muhle to Chicago to work on overall bid document organization	Don will review the FGD spec, then determine if a visit to S&L's office is necessary. Bob noted that he is tied up w/burner; this may be week of 9/19.
0469	Prepare a list of questions/issues re. commercial portion of bid documents; issue to Bob prior to Don/Linda. S&L telecom (ref AI 0464).	Bob asked Chris to send updated spreadsheet both commercial & technical summary.
0471	Provide Bob w/Scope Document to address CEMS for pm & HCI (Utility Mact).	Paul Farber will arrive @ GGS Tuesday, 9/13..
0472	Review if galvanizing is suitable for FGD area environment. For grating, base would be galvanized w/option for FRP.	<b>CLOSE.</b>

0473	White paper on CEMS requirements f/MPCE equipment additions. Also, determine if existing CEMS equipment could be reused.	Bob has sent some of the info, and owes info on flow monitors.
0474	S&L to advise if S&L has seen an SNCR & SCR operating in tandem.	S&L is not finding anything except Fuel Tech's mention of Sibley Station. Bob thought at low load operation would be only benefit; not as efficient as first thought. Bob would still like to hear Wayshalee's comments.
	Bob would like to discuss the Plant Scherer trip report with S&L at the next Chicago visit, i.e. platforms, access issues.	
0475	JMD to talk to NPPD on capital cost estimate & market conditions when @ NPPD 09/08/11.	<b>CLOSE.</b>
0479	Input to FGD Spec: Contract Document Rule 10 – NPPD to advise on what drawing hard copies should be submitted by contractor in addition to electronic format.	Chris to provide punch list.
0480	Input to FGD Spec: Contract Document Rule 13 – NPPD to advise if taxes are to be included by EPC contractor & if so, on what (i.e., equipment, material, labor?).	110901: Bob asked that Chris look at NPPD's Section C. Don will point out specific section. 110908: Chris to provide punch list.
0482	Input to FGD Spec: OCIP vs. CCIP.	110901: John M. thought this would be a negotiated item.
0484	Send NPPD Stebbins presentation material	<b>CLOSE.</b>